

Docket No.: 18628-232562
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Domenico LA FORGIA et al.

International Application No.:
PCT/IB2004/004253
International Filing Date:
December 22, 2004

Application No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Filed: Concurrently Herewith

Examiner: Not Yet Assigned

For: AN OPTICAL SYSTEM FOR DETECTING
THE CONCENTRATION OF COMBUSTION
PRODUCTS

Customer No.:
26694
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

The relevance of References AA-AC and CA-CI is cited in the attached International Search Report.

201584026

Application No.: Not Yet Assigned

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INFORMATION DISCLOSURE STATEMENT

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2). A copy of each of references CA-CI is enclosed.

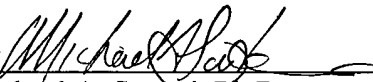
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 18628-232562. A Fee Transmittal is enclosed.

Dated: June 21, 2006

Respectfully submitted,

By 
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Substitute for form 1449A/B/PTO <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 5px 0;"><i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Domenico LA FORGIA
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	18628-232562
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,796,590 A	01-10-1989	DEGOBERT et al.	
	AB	US-4,614,961 A	09-30-1986	KHAN et al.	
	AC	US-5,278,435 A	01-11-1994	VAN HOVE et al.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	MORKOC, H., "Potential applications of III-V nitride semiconductors", Materials Science and Engineering, vol. 43, no. 1-3, pages 137-146 (1994).	
	CB	MORKOC, H., ET AL., "GaN-based modulation doped FETs and UV detectors", Solid-State Electronics, vol. 46, no. 2, pages 157-202 (February 2002).	
	CC	POTI, et al., "High responsivity GaN-based UV detectors", Electronics Letters, vol. 39, no. 24, pages 1747-1749 (November 27, 2003).	
	CD	HENINI, M., "III-V nitrides for electronic and UV applications", III Vs Review, vol. 12, no. 5, pages 28, 30-32 (September 1999).	
	CE	STRITE, S., ET AL., "Progress and prospects for GaN and the III-V nitride semiconductors", Thin Solid Films, vol. 231, no. 1/2, pages 197-210 (August 25, 1993).	
	CF	STRITE, S., ET AL., "GaN, AlN, and InN: A Review", Journal Of Vacuum Science and Technology, vol. 10, no. 4, pages 1237-1266 (July 1992).	
	CG	SCHERER, A., ET AL., "InGaAsP photonic band gap crystal membrane microresonators", Journal Of Vacuum Science & Technology, vol. 16, no. 6, pages 3906-3910 (November 1998).	
	CH	MONROY, E., ET AL., "AlGaN-based UV photodetectors", Journal of Crystal Growth, vol. 230, no. 3-4, pages 537-543 (September 2001).	
	CI	DE VITTORIO, M., ET AL., "High temperature characterization of GaN-based photodetectors", Sensors and Actuators, vol. 113, no. 3, pages 329-333 (June 9, 2004).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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